

The Department of Biology at the University of Nevada, Reno is seeking a Postdoctoral Scholar to work with Elizabeth Pringle in Biology and Christopher Jeffrey in Chemistry on the chemical ecology of plant-environment feedbacks. Our aim is to understand how drought impacts plant metabolism, at the levels of individual plants and plant communities, and how these changes to plant metabolism are related to the assembly of arthropod communities and feedbacks to soil carbon cycling. We are working on these questions in sagebrush ecosystems in the Great Basin Desert, in the context of large-scale precipitation manipulation experiments, with an eye towards understanding spatial patterning in plant-environment feedbacks. For more details about the NSF-funded project that will support this position, please see the award abstract: [https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=2145757](https://www.nsf.gov/awardsearch/showAward?AWD_ID=2145757)

The desired start date is May 2024, but flexibility is possible for suitable candidates. The ideal candidate would have training in metabolomics, using GC-MS, LC-MS, or NMR methods, and would be comfortable working outside in our field system, working in the lab on analytical chemistry, and working on the computer on associated data analyses and writing. A strong interest in bridging cutting-edge chemistry with ecological theory is required.

The candidate would join a dynamic group of chemical ecologists in UNR's Biology, Chemistry, and Natural Resources Departments, associated with our Hitchcock Center for Chemical Ecology (<https://www.unr.edu/chemical-ecology>) and a recent NSF training grant in chemically mediated biotic interactions (<https://www.unr.edu/nevada-today/news/2023/nsf-chemical-ecology>), as well as with our Graduate Program in Ecology, Evolution and Conservation Biology (<https://www.unr.edu/eeeb>). Reno, Nevada, is the "biggest little city" in the USA, located in spectacular high desert, only 30 minutes from California's Lake Tahoe and Sierra Nevada. UNR is Nevada's flagship, land-grant state university.

### **Required Qualifications**

- Ph.D. Biology, Ecology, or Chemistry or a related field.
- Completion of a doctoral degree in the appropriate discipline is required.
- The doctoral degree must have been completed within the five years immediately preceding the first date of appointment as a postdoctoral fellow at the University.
- The individual cannot have held previous positions in the professional ranks.

For more details or to apply (by Feb 15, 2024), see [https://nshe.wd1.myworkdayjobs.com/UNR-external/job/University-of-Nevada-Reno---Main-Campus/Postdoctoral-Scholar--Biology\\_R0140188](https://nshe.wd1.myworkdayjobs.com/UNR-external/job/University-of-Nevada-Reno---Main-Campus/Postdoctoral-Scholar--Biology_R0140188)

Please contact Beth Pringle ([epingle@unr.edu](mailto:epingle@unr.edu)) directly with specific queries about the position.